**Exercise 5: Task Management System**  
**Understanding LinkedList :**  
 **Single Linked List:**  
 Each node points to the next node   
 one -way traversal   
 **Double Linked List:** Each node points to both previous and next node   
 Bidirectional Traversal  
  
 **Why to use LinkedList:**  
 Linked list are dynamic .  
 Linked list insertion and deletion is easy  
  
 **Time Complexity Analysis:**  
 Add - O(n)  
 Search - O(n)  
 Delete - O(n)  
 Traversal - O(n)